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List of Publications by Year
in descending order

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292	3,721	172207	264894
papers	citations	29 h-index	42 g-index

301	301	301	2356
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural, spectroscopic, FMOs, and non-linear optical properties exploration of three thiacaix(4)arenes derivatives. Arabian Journal of Chemistry, 2022, 15, 103656.	2.3	29
2	Porous nickel and cobalt hexanuclear ring-like clusters built from two different kind of calixarene ligands â€“ new molecular traps for small volatile molecules. CrystEngComm, 2022, 24, 330-340.	1.3	3
3	New bifunctional amphiphilic oxyethylimidazolium derivatives of calix[4]arene containing alkynyl/azide fragments: regularities of aggregation and polymerization under azide/alkyne cycloaddition conditions. Russian Chemical Bulletin, 2022, 71, 131-138.	0.4	5
4	Thiacalixarenes with Sulfur Functionalities at Lower Rim: Heavy Metal Ion Binding in Solution and 2D-Confined Space. International Journal of Molecular Sciences, 2022, 23, 2341.	1.8	7
5	Ð¡alixresorcine cavitands bearing lipophilic cationic fragments in the construction of mitochondrial-targeting supramolecular nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 642, 128622.	2.3	8
6	New Calix[4]areneâ€"Fluoresceine Conjugate by Click Approachâ€"Synthesis and Preparation of Photocatalytically Active Solid Lipid Nanoparticles. Molecules, 2022, 27, 2436.	1.7	6
7	Amphiphilic N-oxyethylimidazolium calixarenes: synthesis, micellar solubilization and molecular recognition of Adenine-containing nucleotides. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, , 129236.	2.3	3
8	New 3D Coordination Polymer Based on the Tetrapyridyl Derivative of Thiacalix[4]arene in the 1,3-Alternate Configuration and Hexanuclear Clusters of Monovalent Silver: Synthesis and Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2022, 48, 287-294.	0.3	0
9	Structure and Biological Properties of 2-Phenylhydrazone Derivatives of Thiazolopyrimidines. Doklady Chemistry, 2022, 503, 45-50.	0.2	5
10	A novel salt-responsive hydrogel on the base of calixresorcinareneâ€“mPEG amide conjugate. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 611, 125814.	2.3	3
11	Vibrational Spectra of p-Carboxylate and p-Sulfonate Azocalix[4]arene. Lecture Notes in Civil Engineering, 2021, , 22-30.	0.3	0
12	New poly-imidazoliumâ€“triazole particles by CuAAC cross-linking of calix[4]arene bis-azide/alkyne amphiphiles â€“ a prospective support for Pd in the Mizorokiâ€“Heck reaction. RSC Advances, 2021, 11, 584-591.	1.7	4
13	Amphiphilic N-Oligoethyleneglycol-imidazolium Derivatives of p-tert-Butylthiacalix[4]arene: Synthesis, Aggregation and Interaction with DNA. Macroheterocycles, 2021, 14, 171-179.	0.9	5
14	Switching Ion Binding Selectivity of Thiacalix[4]arene Monocrowns at Liquidâ€“Liquid and 2D-Confined Interfaces. International Journal of Molecular Sciences, 2021, 22, 3535.	1.8	4
15	The construction of supramolecular and hybrid Ag-AgCl nanoparticles with photodynamic therapy action on the base of tetraundecylÑalix[4]resorcinarene-mPEG conjugate. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 619, 126524.	2.3	1
16	Azocalix[4]arene-Rhodamine Supramolecular Hypoxia-Sensitive Systems: A Search for the Best Calixarene Hosts and Rhodamine Guests. Molecules, 2021, 26, 5451.	1.7	10
17	Functional supramolecular systems: design and applications. Russian Chemical Reviews, 2021, 90, 895-1107.	2.5	93
18	Comparative study of the vibrational spectra of carboxylate azocalix[4]arenes and azothiacalix[4]arenes. Journal of Molecular Structure, 2021, 1241, 130662.	1.8	1

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19	DFT study of conformation, hydrogen bonds, IR, and Raman spectra of the sodium salt of p-hexasulfonatocalix[6]arene DFT. Journal of Molecular Structure, 2021, 1243, 130892.	1.8	5
20	Study of the conformation and hydrogen bonds of the p-tetrasulfonatothiacalix[4]arene pentasodium salt by vibrational spectroscopy and DFT. Journal of Molecular Modeling, 2021, 27, 326.	0.8	0
21	NHC Polymeric Particles Obtained by Self-Assembly and Click Approach of Calix[4]Arene Amphiphiles as Support for Catalytically Active Pd Nanoclusters. Molecules, 2021, 26, 6864.	1.7	4
22	Vibrational spectra study of p-sulfonatocalix[4]arene containing azobenzene groups. Journal of Molecular Structure, 2020, 1200, 127058.	1.8	9
23	FT-IR and FT-Raman study of p-sulfonatocalix [8]arene. Journal of Molecular Structure, 2020, 1203, 127474.	1.8	8
24	Thermally Stable Nitrothiacalixarene Chromophores: Conformational Study and Aggregation Behavior. International Journal of Molecular Sciences, 2020, 21, 6916.	1.8	6
25	Nuclearity control in calix[4]arene-based zinc(<scp>ii</scp>) coordination complexes. CrystEngComm, 2020, 22, 7693-7703.	1.3	10
26	Synthesis of Bifunctional Derivatives of Calix[4]arene Bearing Azidoalkyl Fragments in Cone Stereoisomeric Form. Doklady Chemistry, 2020, 490, 1-5.	0.2	7
27	3,28-Diacetoxylup-20(29)-ene-30-oic Acid and Its Ï‰-Bromoalkyl Esters. Russian Journal of Organic Chemistry, 2020, 56, 626-630.	0.3	0
28	New Amphiphilic Imidazolium/Benzimidazolium Calix[4]arene Derivatives: Synthesis, Aggregation Behavior and Decoration of DPPC Vesicles for Suzuki Coupling in Aqueous Media. Nanomaterials, 2020, 10, 1143.	1.9	15
29	Synthesis of Ag-AgCl nanoparticles capped by calix[4]resorcinarene-mPEG conjugate and their antimicrobial activity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 602, 125124.	2.3	9
30	Formation of Unsymmetrical Trinuclear Metallamacrocycles Based on Two Different Cone Calix[4]arene Macrocyclic Rings. Crystals, 2020, 10, 364.	1.0	5
31	Synthesis, Structure and Magnetic Properties of Mn₂Tb₂ Tetranuclear Complex with pâ€tertâ€Butylthiacalix[4]arene. Israel Journal of Chemistry, 2020, 60, 600-606.	1.0	3
32	Mixed Tb/Dy coordination ladders based on tetra(carboxymethyl)thiacalix[4]arene: a new avenue towards luminescent molecular nanomagnets. RSC Advances, 2020, 10, 11755-11765.	1.7	8
33	Photocatalytic properties of hybrid materials based on a multicharged polymer matrix with encored TiO₂ and noble metal (Pt, Pd or Au) nanoparticles. New Journal of Chemistry, 2020, 44, 7169-7174.	1.4	5
34	Amphiphilic Pd^{II}â€NHC Complexes on 1,3â€Alternate pâ€tertâ€Butylthiacalix[4]arene Platform: Synthesis and Catalytic Activities in Coupling and Hydrogenation Reactions. European Journal of Organic Chemistry, 2020, 2020, 2180-2189.	1.2	7
35	The pH-responsive calix[4]resorcinarene-mPEG conjugates bearing acylhydrazone bonds: Synthesis and study of the potential as supramolecular drug delivery systems. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 589, 124453.	2.3	20
36	Doxorubicin delivery by polymer nanocarrier based on N-methylglucamine resorcinarene. Supramolecular Chemistry, 2020, 32, 150-161.	1.5	4

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37	New terpyridine derivatives of thiacalix[4]arenes in solution and at the water-air interface. Russian Chemical Bulletin, 2020, 69, 339-350.	0.4	6
38	Polymer and supramolecular nanocontainers based on carboxylate derivatives of resorcinarenes for binding of substrates and design of composites for catalysis. Russian Chemical Bulletin, 2020, 69, 351-359.	0.4	7
39	Synthesis of C-29-phosphonium derivatives of 3,28-diacetoxylup-20(29)-en-30-oic acid. Russian Chemical Bulletin, 2020, 69, 487-491.	0.4	5
40	Synthesis of Water-Soluble Polyammonium Thiacalix[4]arene Derivative and Its Interaction with Calf Thymus DNA. Russian Journal of General Chemistry, 2020, 90, 99-104.	0.3	6
41	Photocatalytic properties of supramolecular nanoassociates based on gold and platinum nanoparticles, capped by amphiphilic calix[4]resorcinarenes, towards organic dyes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 596, 124700.	2.3	9
42	A New Approach to the Synthesis of Thiacrowns on a Thiacalix[4]arene Scaffold. Doklady Chemistry, 2019, 487, 188-191.	0.2	4
43	New Amphiphilic Calix[4]Arene Derivatives with 4,5-Dicarboxytriazolyl Fragments: Synthesis and Use in Micellar Catalysis. Russian Journal of Physical Chemistry B, 2019, 13, 401-407.	0.2	6
44	Data on binding of L-tryptophan and bovine serum albumin by novel gold nanoparticles capped with amphiphilic sulfonatomethylated calixresorcinarenes. Data in Brief, 2019, 25, 104241.	0.5	3
45	Î³-Radiolysis of functionalized calixarenes and its effect on cesium and americium extraction. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1931-1939.	0.7	2
46	A Glucoseâ€Responsive Polymer Nanocarrier Based on Sulfonated Resorcinarene for Controlled Insulin Delivery. ChemPlusChem, 2019, 84, 1560-1566.	1.3	5
47	Ag-Selective Nanotubes Based on Bisthiacalix[4]arene with Ethylene Sulfide Bridges. Doklady Chemistry, 2019, 487, 212-214.	0.2	5
48	Control of dimensionality in Manganese Coordination Polymers using rigid tetrahedral-shaped [1.1.1.1]metacyclophane ligands bearing benzoate coordinating sites: From homochiral 1D to 3D diamond-like structures. Inorganic Chemistry Communication, 2019, 106, 197-201.	1.8	10
49	New DNA-sensor based on thiacalix[4]arene-modified polydiacetylene particles. Russian Chemical Bulletin, 2019, 68, 1067-1074.	0.4	9
50	Investigation of hydrogen bonding in p-sulfonatocalix[4]arene and its thermal stability by vibrational spectroscopy. Journal of Molecular Structure, 2019, 1195, 403-410.	1.8	9
51	Binding of l-tryptophan and bovine serum albumin by novel gold nanoparticles capped with amphiphilic sulfonatomethylated calixresorcinarenes. Journal of Molecular Liquids, 2019, 286, 110879.	2.3	14
52	Amino-Modified Silica-Supported Copper-Palladium Alloy. Synthesis and Use in Selective Hydrogenation of Disubstituted Nitroarenes in a Flow Micro Reactor. Russian Journal of Organic Chemistry, 2019, 55, 1-6.	0.3	3
53	Mono- and Di(dechloromethylthioylation) of Dichloromethylarenes with S-Methyl Diethylthiophosphinate. Doklady Chemistry, 2019, 489, 257-260.	0.2	0
54	Bimolecular Nucleophilic Substitution Reactions: Predictive Models for Rate Constants and Molecular Reaction Pairs Analysis. Molecular Informatics, 2019, 38, e1800104.	1.4	23

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55	Self-Organization and Physicochemical Properties of Aqueous Solutions of the Sodium Salt of Azosulphonate Calix[4]arene. Macroheterocycles, 2019, 12, 350-355.	0.9	0
56	Cooperation Effect of Classical O-Hâ€¦N and Non-Classical C-Hâ€¦N Hydrogen Bonding at the Formation of Supramolecular Tubes Based on Novel 1,2,4-Triazolyl Derivative of Calix[4]arene in Crystalline Phase. Macroheterocycles, 2019, 12, 324-330.	0.9	0
57	Synthesis, Aggregation Behavior, and Catalytic Activity in the Ullmann Reaction of Amphiphilic p-tert-Butylthiacalix[4]arene with Azidoalkylimidazolium Moieties. Macroheterocycles, 2019, 12, 340-345.	0.9	0
58	Synthesis, crystal structures and high-temperature spin-crossover of new inclusion compounds of iron(II) tris (pyrazol-1-yl)methane complex with p -sulfonatocalix[4]arene. Inorganica Chimica Acta, 2018, 476, 129-135.	1.2	1
59	Synthesis of four new carboxylic derivatives based on the [1.1.1.1]metacyclophane backbone blocked in 1,3-Alternate conformation. Tetrahedron Letters, 2018, 59, 1377-1381.	0.7	3
60	Molecular tectonics: high dimensional coordination networks based on methylenecarboxylate-appended tetramercaptothiacalix[4]arene in the 1,3-alternate conformation. CrystEngComm, 2018, 20, 1130-1140.	1.3	4
61	FT-IR and FT-Raman study of hydrogen bonding in p-alkylcalix[8]arenes. Vibrational Spectroscopy, 2018, 95, 38-43.	1.2	20
62	Assessment of tautomer distribution using the condensed reaction graph approach. Journal of Computer-Aided Molecular Design, 2018, 32, 401-414.	1.3	20
63	Novel amphiphilic conjugates of p-tert-butylthiacalix[4]arene with 10,12-pentacosadiynoic acid in 1,3-alternate stereoisomeric form. Synthesis and chromatic properties in the presence of metal ions. New Journal of Chemistry, 2018, 42, 2942-2951.	1.4	22
64	Effect of core substituents on the intramolecular exchange interaction in N,Nâ€²â€dioxyâ€2,6â€diazaadamantane biradical: DFT studies. International Journal of Quantum Chemistry, 2018, 118, e25568.	1.0	0
65	Imidazolium p-tert-Butylthiacalix[4]arene Amphiphilesâ€”Aggregation in Water Solutions and Binding with Adenosine 5â€²-Triphosphate Dipotassium Salt. BioNanoScience, 2018, 8, 337-343.	1.5	4
66	Calixarene alpha-ketoacetylenes: versatile platforms for reaction with hydrazine nucleophile. RSC Advances, 2018, 8, 32765-32769.	1.7	5
67	Synthesis of new p-tert-butylcalix[4]arene-based polyammonium triazolyl amphiphiles and their binding with nucleoside phosphates. Beilstein Journal of Organic Chemistry, 2018, 14, 1980-1993.	1.3	16
68	Synthesis of Tetraazide Derivatives of p-tert-Butylcalix[4]arene Using Copper-Catalyzed Nucleophilic Aromatic Substitution. Doklady Chemistry, 2018, 479, 64-67.	0.2	4
69	Modern Trends of Organic Chemistry in Russian Universities. Russian Journal of Organic Chemistry, 2018, 54, 157-371.	0.3	68
70	Extraction of Cesium-137 and Americium-241 by Calix[n]arenes from Carbonate-Alkaline Media. Doklady Chemistry, 2018, 479, 36-40.	0.2	1
71	New copper-containing catalysts based on modified amorphous silica and their use in flow azideâ€”alkyne cycloaddition. Russian Chemical Bulletin, 2018, 67, 461-468.	0.4	3
72	Nanoconjugates of a calixresorcinarene derivative with methoxy poly(ethylene glycol) fragments for drug encapsulation. Beilstein Journal of Nanotechnology, 2018, 9, 2057-2070.	1.5	8

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73	Photoswitchable Supramolecular Systems Based on Carboxyl Derivatives of Thiacalix[4]arene and Their Complexes with Zn(II) and Tb(III) Ions. Macroheterocycles, 2018, 11, 173-180.	0.9	0
74	Unusual nanosized associates of carboxy-calix[4]resorcinarene and cetylpyridinium chloride: the macrocycle as a glue for surfactant micelles. Soft Matter, 2017, 13, 2004-2013.	1.2	9
75	The supramolecular approach to the phase transfer of carboxylic calixresorcinarene-capped silver nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 524, 127-134.	2.3	18
76	Molecular tectonics: from a binuclear metallamacrocycle to a 1D isostructural coordination network based on tetracyanomethyl[1.1.1.1]metacyclophane and a silver cation. Mendeleev Communications, 2017, 27, 260-262.	0.6	6
77	Detection of sulfate surface-active substances via fluorescent response using new amphiphilic thiacalix[4]arenes bearing cationic headgroups with Eosin Y dye. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 515, 41-49.	2.3	13
78	Structureâ€“reactivity relationship in Dielsâ€“Alder reactions obtained using the condensed reaction graph approach. Journal of Structural Chemistry, 2017, 58, 650-656.	0.3	15
79	Effect of ionizing radiation on the extraction of Am(III) with p-tert-butylthiacalix[4]arene from alkaline carbonate solutions. Radiochemistry, 2017, 59, 365-371.	0.2	7
80	Coordination Polymers based on calixarene derivatives: Structures and properties. Coordination Chemistry Reviews, 2017, 352, 151-186.	9.5	106
81	Synthesis of new p-tert-butylcalix[4]arene derivatives containing photopolymerizable 1,3-butadiyne fragments. Russian Journal of General Chemistry, 2017, 87, 1946-1951.	0.3	3
82	Calixresorcinarene-capped silver nanoparticles as new supramolecular hybrid nanocontainers. Mendeleev Communications, 2017, 27, 335-337.	0.6	12
83	Nitrothiacalixarenes with alkyl groups at the lower rim: design, synthesis and aggregation behaviour at the airâ€“water interface and in solution. Mendeleev Communications, 2017, 27, 413-415.	0.6	5
84	Artificial intelligence in synthetic chemistry: achievements and prospects. Russian Chemical Reviews, 2017, 86, 1127-1156.	2.5	45
85	Cesium and americium extraction from carbonate-alkaline media with O-substituted p-alkylcalix[8]arenes. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 1257-1265.	0.7	7
86	Synthesis of functionally substituted benzaldehydes. Doklady Chemistry, 2017, 476, 227-229.	0.2	0
87	Micelle mediated extraction of americium and europium by calix[4]arene phosphine oxides from nitric acid media. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 599-609.	0.7	11
88	Exchange interaction mechanisms in 1,3,5,7-tetramethyl-2,6-diazaadamantane N,Nâ€™-dioxyl biradical. Russian Chemical Bulletin, 2017, 66, 2028-2034.	0.4	0
89	Organic chemistry. History and mutual relations of universities of Russia. Russian Journal of Organic Chemistry, 2017, 53, 1275-1437.	0.3	48
90	Americium and Cesium Extraction from Alkaline Media by Calix[8]arenes with p-tert-Butyl and Isononyl Substituents on the Upper Rim: Aggregation Effect. Macroheterocycles, 2017, 10, 196-202.	0.9	10

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91	Molecular Tectonics: Manganese(II), Copper(II) and Zinc(II) 1D Coordination Polymers Based on Tetramercaptothiacalix[4]arene Bearing Benzoate Coordinating Groups. Macroheterocycles, 2017, 10, 147-153.	0.9	3
92	Azideâ€“Akyne Click Approach to the Preparation of Dendrimerâ€“Type Multi(thia)calix[4]arenes with Triazole Linkers. Macroheterocycles, 2017, 10, 203-214.	0.9	10
93	Thiacalix[4]areneâ€™s Lower Rim Derivatives: Synthesis and Supramolecular Properties. Macroheterocycles, 2017, 10, 134-146.	0.9	38
94	Unusual Reactivity of Aliphatic and Aromatic Amines with Bromoalkyl Derivatives of Thiacalix[4]arene in 1,3-Alternate Stereoisomeric Form. Macroheterocycles, 2017, 10, 215-220.	0.9	4
95	Self-Aggregation and Solubilizing Properties of the Supramolecular System Based on Azobenzenesulfonate Calix[4]arene and CTAB. Macroheterocycles, 2017, 10, 454-459.	0.9	9
96	Coordination Compounds Based on Metacyclophane Derivatives. Macroheterocycles, 2017, 10, 410-420.	0.9	2
97	Quantum chemical calculation of exchange interactions in supramolecularly arrangedN,Nâ€²-dioxy-2,6-diazaadamantane organic biradical. International Journal of Quantum Chemistry, 2016, 116, 1064-1070.	1.0	4
98	Comparative analysis of the binding of thiacalix[4]arene-monocrown-ethers with monovalent metal salts using MALDI mass spectrometry. Journal of Analytical Chemistry, 2016, 71, 1352-1359.	0.4	0
99	Thiacalix[4]monocrowns with terpyridine functional groups as new structural units for luminescent polynuclear lanthanide complexes. Supramolecular Chemistry, 2016, 28, 589-600.	1.5	8
100	â€œClickableâ€•thiacalix[4]arene derivatives bearing polymerizable 1,3-butadiyne fragments: synthesis and incorporation into polydiacetylene vesicles. RSC Advances, 2016, 6, 44873-44877.	1.7	20
101	Colloidal stability and photophysical characteristics of luminesent silica nanoparticles modified with various nitrogen/oxygen-containing trialkoxysilanes. Russian Journal of General Chemistry, 2016, 86, 661-667.	0.3	1
102	Molecular tectonics: tetracarboxythiacalix[4]arene derivatives as tectons for the formation of hydrogen-bonded networks. CrystEngComm, 2016, 18, 8622-8630.	1.3	5
103	Extraction of cesium and americium with p-alkylcalix[8]arenes from alkaline solutions. Radiochemistry, 2016, 58, 381-388.	0.2	16
104	Interactions of New bis-Ammonium Thiacalix[4]arene Derivatives in 1,3-Alternate Stereoisomeric Form with Bovine Serum Albumin. BioNanoScience, 2016, 6, 427-430.	1.5	8
105	Automatized Assessment of Protective Group Reactivity: A Step Toward Big Reaction Data Analysis. Journal of Chemical Information and Modeling, 2016, 56, 2140-2148.	2.5	37
106	Amphiphiles with polyethyleneoxideâ€“polyethylenecarbonate chains for hydrophilic coating of iron oxide cores, loading by Gd(III) ions and tuning R2/R1 ratio. Reactive and Functional Polymers, 2016, 99, 107-113.	2.0	5
107	Molecular tectonics: dimensionality and geometry control of silver coordination networks based on pyrazolyl appended thiacalixarenes. CrystEngComm, 2016, 18, 691-703.	1.3	18
108	Molecular Tectonics: 1D Tubular Type and 3D Diamond Like Mercury(II) Coordination Polymers Based on Pyridyl Appended p-tert-Butyltetrathiacalix[4]arene. Macroheterocycles, 2016, 9, 17-22.	0.9	3

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109	Polycationic Derivatives of p-tert-Butylthiacalix[4]arene in 1,3-alternate Stereoisomeric Form: New DNA Condensing Agents. Macroheterocycles, 2016, 9, 433-441.	0.9	12
110	Composition of thiacalix[4]arene complexes with monovalent metal ions in the gas phase: MALDI mass spectrometry. Russian Chemical Bulletin, 2015, 64, 1823-1828.	0.4	3
111	Molecular tectonics: silver coordination networks based on tetramercaptothiacalix[4]arene in 1,3-alternate conformation bearing four nitrile groups. Russian Chemical Bulletin, 2015, 64, 1955-1962.	0.4	11
112	Effect of copper(I) on the conformation of the thiacalixarene platform in azide-alkyne cycloaddition. Russian Chemical Bulletin, 2015, 64, 2114-2124.	0.4	3
113	â€˜Click chemistryâ€™ in the synthesis of new amphiphilic 1,3-alternate thiacalixarenes. Mendeleev Communications, 2015, 25, 177-179.	0.6	26
114	Experimental and theoretical study of the influence of peripheral environment on magnetic properties of tetranuclear manganese skeleton in new representatives of calix[4]arene-containing [MnII2 MnIII2] clusters. Journal of Molecular Structure, 2015, 1081, 217-223.	1.8	8
115	Structureâ€“reactivity relationship in bimolecular elimination reactions based on the condensed graph of a reaction. Journal of Structural Chemistry, 2015, 56, 1227-1234.	0.3	25
116	Synthesis and aggregation properties of new biodegradable amphiphilic derivatives of p-tert-butylphenol for green separation of Gd(III) ions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 480, 343-350.	2.3	1
117	Synthesis and aggregation properties of thiacalix[4]arene tetra-N-acylamides. Russian Journal of Organic Chemistry, 2015, 51, 430-435.	0.3	1
118	Synthesis and structure of lower rim-substituted alkynyl derivatives of thiacalix[4]arene. Russian Journal of Organic Chemistry, 2015, 51, 1334-1342.	0.3	9
119	Thiacalix[4]arene-functionalized vesicles as phosphorescent indicators for pyridoxine detection in aqueous solution. RSC Advances, 2015, 5, 101177-101185.	1.7	18
120	Molecular Tectonics: Grid and Porous Coordination Networks Based on Combinations of Iron Thiocyanate and Pyridyl Appended Derivatives of Tetrathiacalix[4]arene and Tetramercaptotetrathiacalix[4]arene. Macroheterocycles, 2015, 8, 113-119.	0.9	5
121	New Amphiphilic Bowl-Shaped Receptors on the Basis of Calix[4]arenes in Cone Conformation: Synthesis, Self-Aggregation and Eosin Y Dye Binding. Macroheterocycles, 2015, 8, 409-414.	0.9	5
122	Langmuir Monolayers and Thin Films of Amphifilic Thiacalix[4]arenes. Properties and Matrix for the Immobilization of Cytochrome c. Langmuir, 2014, 30, 15153-15161.	1.6	12
123	Thiacalix[4]arene-containing M2Ln2 complexes (M = MnII, CoII; Ln = EuIII, PrIII): synthesis, structure, and magnetic properties. Russian Chemical Bulletin, 2014, 63, 1465-1474.	0.4	6
124	Development of â€œstructure-propertyâ€•models in nucleophilic substitution reactions involving azides. Journal of Structural Chemistry, 2014, 55, 1026-1032.	0.3	15
125	Synthesis of tetrathioesters and tetrathioamides based p-tert-butylthiacalix[4]arene and studying their recognition abilities towards different metals by extraction. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 78, 121-126.	0.9	6
126	Cholinesterase sensor based on glassy carbon electrode modified with Ag nanoparticles decorated with macrocyclic ligands. Talanta, 2014, 127, 9-17.	2.9	51

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127	Molecular tectonics: generation of grid and porous diamondoid coordination networks by calixarene based tectons. CrystEngComm, 2014, 16, 3765-3772.	1.3	13
128	Beer classification based on the array of solid-contact potentiometric sensors with thiacalixarene receptors. Russian Chemical Bulletin, 2014, 63, 223-231.	0.4	3
129	Molecular recognition of organic compounds by the data on polymorphic and pseudo-polymorphic transformations of tert-butylthiacalix[4]arene derivative. Russian Chemical Bulletin, 2014, 63, 201-206.	0.4	2
130	Molecular tectonics: anion control of dimensionality and connectivity in meta-pyridyl appended tetramercaptotetrathiacalix[4]arene based silver coordination networks. Dalton Transactions, 2014, 43, 158-165.	1.6	19
131	Complex formation of MnII with tetra(p-tert-butyl)thiacalix[4]arene acid in aqueous solutions of surfactants and polymers. Russian Chemical Bulletin, 2014, 63, 207-213.	0.4	1
132	Synthesis and fluorescent properties of thiacalix[4]arenes containing terpyridyl fragments at the lower rim. Russian Chemical Bulletin, 2014, 63, 214-222.	0.4	5
133	Structure-reactivity relationships in terms of the condensed graphs of reactions. Russian Journal of Organic Chemistry, 2014, 50, 459-463.	0.3	29
134	Design of supramolecular biomimetic catalysts of high substrate specificity by noncovalent self-assembly of calix[4]arenes with amphiphilic and polymeric amines. Colloids and Surfaces B: Biointerfaces, 2014, 117, 497-504.	2.5	16
135	Phosphorylated amino derivatives of thiacalix[4]arene as membrane carriers: synthesis and hostâ€“guest molecular recognition of amino, hydroxy and dicarboxylic acids. Journal of Physical Organic Chemistry, 2014, 27, 57-65.	0.9	23
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